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Concore version 5.1.3 Copyright (c) 1993 - 2003 Compugen Lid
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OM protein - protein search, using sw model

January 16, 2003, 16:34:37 Run on:

Search time 66.6 Seconds (without alignments) 28.011 Million cell qpdates/sec

US-09-856-070-17 69

Perfect score:

1 ERBKEÇMMREKELL 14 Sequence.

BLOSUM62 Gapop 10.0 , Gapext 0.5 Scoring table:

908470 seqs, 133250620 residues Scarched:

90**847**0 Total number of hits satisfying chosen parameters:

Minimum DB seq length: 0 Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Listing first 45 summaries Maximum Match 100%

A_Geneseq_101002.* Database :

/SIDS2/gcgdata/geneseg/genesegp-embl/AA1991.bAT:*/SIDS2/gcgdata/geneseg/genesegp-embl/AA1992.bAT:* /SIDS2/gcgdata/geneseq/geneseqp.emb1/Aa1993.DAT:*/SIDS2/gcgdata/geneseq/geneseqp.emb1/Aa1994.DAT:* /SIDS2/gogdata/geneseq/geneseqp.mbi/AA1999.DAI.*/SIDS2/gogdata/geneseq/geneseqp_emb1/AA1999.DAI.* /STISS//grgdata/geneseq/geneseqp_embl/Aal'940-150; *
/STISS/grgdata/geneseq/geneseqp_embl/Aal'941-041; *
/STISS/grgdata/geneseqp_embl/Aal'941-041; *
/STISS/grgdata/geneseqp_embl/Aal'944-0AT; *
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/STISS/grgdata/geneseqp_geneseqp /SIDSZ/gradiata/geneseg/genesegp-empl/AAlyky.DAT:* DAT . * DAT: * PAT: * /SlbS2/gegdata/geneseq/geneseqp=cmb1/AA1997.DAT:* /SIES2/gcgdata/geneseq/geneseqp.embl/AA3000.DAT./SIES2/gcgdata/geneseq/geneseqp.embl/AA3001.DAT./SIES2/gcgdata/geneseq/geneseqp.embl/AA3002.DAT: /SIDS2/gradata/geneseg/genesegp-embl/AA1990 /SIDS2/grgdara/geneseg/genesegp-embl/AA1995 /SIDS2/grgdata/geneseg/genesegp-embl/AA1996.

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Description	Human hepreceptor	Second offer demand	Amino acid sequenc	Novel human secret	Myman colon cancer	Novel human diagno	Novel human diagno	Novel human secret	Ruman novel secret	
(C)	AAB82035	AAG73954	AAY27443	AAU30004	AAR53356	ARG16577	ABG19947	AAU33060	AAU15454	AAU16019
108	2	_04 _04	20	C1	21	55	22	7.1 C1	급	C1
% Query Match Length DB	14	436	586	(C)	635	 ∪ ⊔	593	R.C.	357	472
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Score	69	69	69	69	69	<u>.</u>	51	4 9	47	47
Result No.	1	C1	G.	4	iC.	ve	7	8	6	10

Novel regalatory or unfolding postides of extin that binds to Heproceptor, useful for inducing influence response for treating infectious diseases and cancer.

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	17		58.1	691	100		Human APRG polypop
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	C:			2274	0.1		Drosophila melanog
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	<u>a</u>		56.7	58 6	~ 1		Human PRO4987 poly
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and AAB77789 represent sequences used in the exemplification of the
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                                                                                                                      AABR2041) that bind to hepreceptor with greater allinity than HEP1 (see AABR2046). The hepreceptor binding peptides are useful for inducing immure response, and for treating infectious diseases, cancer and HIV-1clated dementia. The present peptide binds to domains A and B of the hepreceptor (AAHR2019 and AAHR2020).
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       in a patient's genome that altect the activity of P by expressing inactive proteins or to supplement the patients own production of P. Additionally. N may be used to produce the colon cancer associated Ps. by inscring the nucleic acids into a host cell and culturing the cell to express the proteins. N and P can be used in the prevention, diagnosis and treatment of colorectal carcinomas and cancers. AANRY196 to AARRY204
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Nucleic acids encoding 4277~{\rm human} colon cancer-associated polypeptides, useful for preventing, diagnosing and/or treating colorectal cancers ^+
                                                        The hepreceptor is a novel active site in human entin, Errin regulates the structure of the cortical cytoskeleton to control coll surface topography. The present invention relates to peptides (see AAB82021 to
                                                                                                                                                                                                                                                                                                                                                  Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Human; colon cancer; colon cancer antigen; diagnosis; detection;
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                                                                                                                                                                                                                                                                                                   100.0%; Score 69; DH 22; Length 14; 100.0%; Pred. No. 0.00073;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Claim 11; Page 6520-6521; 9803pp: English.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           AAG73954 Standard; Protein; 436 AA.
                    Claim 20; Page 36; 42pp; English.
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                                                                                                                                                                                                                                                                                                                                              14; Conservative
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                                                                                                                                                                                                                                                            Sequence
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New composition for prevention and treatment of tumors and metastasis
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present invention.

N M Program which to the sequence listing were missing at time of publication, meaning no sequences are present for SPQ ID NO:1027 to 1052, 7921 and 7922.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         /hote- "the Tyr at this position can be mutated (preferably to a Phe) to construct an ezrin mutant of the invention"
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100.0%; Pred. No. 0.033;
tive 0; Mismatches 0; Indels
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                                                                                                                                                                                                                          Best Local Similarity
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                                                                                                                                         436 AA;
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09-MAR-2001 (first entry)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             with altered levels of polygoptide. The polygoptides are also useful for identifying agents (agonists and antagonists) that bind to them. Cells expressing the proteins are useful for identifying a therapeutic agent for use in treatment of a pathology related to aberrant expression or physiological interactions of the polypeptide. Vectors comprising the nucleic acids encoding the polypeptides and cells genetically engineered to express them are also useful for producing the proteins.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             The proteins are useful in yemetic vaccination, testing and therapy, and can be used as nutritional supplements. They may be used to
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Nucleic acids encoding a range of human polypeptides, useful in genetic vaccination, testing and therapy -
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               bone, cartilage, Lendon and/or nerve tissue growth or regeneration; immune suppression and/or stimulation; as anti-inflammatory agents; and in treatment of leukaemias. AAU39910-AAU33304 represent the amino acid sequences of novel human secreted proteins of the invention.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            The invention relates to novel human secreted polypeptides. The polypeptides and antihodies to the polypeptides are useful for determining the presence of or predisposition to a disease associated
                                                                                                                                                                                                                Human, Vaccination; gene therapy; natritional supplement;
stem cell proliferation; haematopoiesis; nerve tissue regeneration;
immune suppression, immune stimulation, auti inflammatory, leukaemia.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   0; Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    increase stem cell proliferation; to regulate haematopoiesis; and in
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             100 0%; Shore 69; DR 22; Length 622; 100.0%; Pred. No. 0.035;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 0; Indeis
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Claim 20, Page 219, 765pp, English.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  AAB53356 standard, Protein, 635 AA
                                                                    AAU30004 standard; Protein; 522 AA
                                                                                                                                                                               Novel human secreted protein #495
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Tang YT, Liu C, Drmanac RT,
                                                                                                                                                                                                                                                                                                                                                                                                                                  18-APR-2000; 20000S 0552929.
26-JAN-2001; 20010S-0770160.
                                                                                                                                                                                                                                                                                                                                                                                                 16-APP-2001; 2001Wo-HS08656
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Bost Local Similarity 100.vv
                                                                                                                                             (first entry)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      370 EREKEOMMREKEEL 383
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1 EREKEQMMREKEEL 14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  WPI; 2001-611725/70.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           (HYSE-) HYSEQ INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             622 AM;
                                                                                                                                                                                                                                                                                                                           MO200179449-A2
                                                                                                                                                                                                                                                                                          Homo sapiens
                                                                                                                                           18-DEC-2001
                                                                                                                                                                                                                                                                                                                                                               25-00T-2001
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                                                                                                         AAU30004;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      AAB53356;
                                RESULT 4
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                                                   AAU30004
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AAC97991 to AAC98763 encode the human colon cancer associated proteins, called human colon cancer antigens, given in AAH5324 to AAH54006. The human colon cancer antigens can have expostatic, cardioactive, muscular; neuroprotective, immunomodulatory, gynaecological, gastrointestinal, colon cancer antigens polynucleotides, and can be used in gene therapy. The colon cancer antigen polynucleotides, proteins and antibodies to the proteins are useful for the prevention, treatment and diagnosis of colon disorders, such as colon cancer. The polynucleotides may be used in diagnostics and research, such as for chromosome identification, and as hybridisation probes. The proteins may also be used to prevent disorders, reproductive disorders, immune system disorders, muscular disorders, reproductive disorders, immune system disorders, wounds, renal disorders, infectious diseases, and cardiovascular disorders. AAC98704 to AAC98772 and AAH54007 represent sequences used in the exemplification of the present
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Colon cancer associated gene sequences, referred to as colon cancer antigens, useful for the treatment, prevention, and diagnosis of colon disorders such as colon cancer.
                                                              Human, colon cancer; colon cancer antiqen, diagnosis; detection; identification, cytostatic; cardioactive, neuroprotective, vuinerary; immunomodulatory; museucicigical, gastrointestinal; nephrotropic; antificetive, antificaterial, gart therapy; wound; neural disorder; immune system disorder; muscular disorder; reproductive disorder;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           100.0%; Score by; DB 21; Length 635; 100.0%; Pred. No. 0.036;
Human colon cancer antigen protein sequence SEQ ID NO:896.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Indels
                                                                                                                                                                                                                                                                                                infectious disease; cardiovascular disorder.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Claim 11, Page 1449-1451, 2104pp, English.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ABG16577 standard; Protein; 503 AA.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             (HUMA-) HUMAN GENOME SOI INC.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             08 MAR 2000; 2000WO US05883.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1 EPEKEÇMMPEKEEL 14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Posen CA, Ruben SM;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         WPI; 2000-587534/55
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                                                                                                                                                                                                                                                                                                                                                                                                                                            WUZÜÜÜ55351-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   12-MAR-1999;
                                                                                                                                                                                                                                                                                                                                                                          Homo sapiens.
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polynucleutides are also used in diagnostics as expressed sequence tags for identifying expressed yeares (1) is useful in gene therapy techniques to restore normal activity of (11) or to treat disease states involving (11). (11) is useful to generating antibodies against it, detecting or quantifacting a not perpetide in tissue, as molecular weight markers and as a lood supplement. (11) and its binding partners are useful in madical imaging of sites expressing (11). (1) and (11) are useful for treating disorders involving aberrant protein expression or biological activity. The polypeptide and polynucleotide sequences have applications in diagnostics, lorensics, gene mapping identification of mutations responsible for qenetic disorders or other traits to assess biodiversity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   The invention relates to isolated polynucleotide (1) and polypeptide (11) sequences. (1) is useful as hybridisation probes, polymerase chain reaction (PCR) primers, oligomers, and for chromosome and gene mapping, and in recombinant production of (11). The
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        and to produce other types of data and products dependent on DNA and
                                                                                                                                                                                                                                                                                                                                                                                                                                                 New isolated polymartestide and encoded polypeptides, useful in
diagnostics, forensies, gene mapping, identification of mutations
responsible for genetic disorders or other traits and to assess
Human; chromosome mapping; gene mapping; gene therapy; forensic; food supplement; medical imaging; diagnostic; genetic disorder.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Human: chromosome mapping, gene ampping, gene therapy, forensic, tood supplement, medical imaging; diagnostic; genetic disorder.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            amino acid sequences. ABG00010-ABG30377 represent novel human diagnostic amino acid sequences of the invention.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               3; Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Claim 20: SEQ ID No 46936; 103pp; English
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Novel human diagnostic protein #19938.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ABG19947 standard; Protein; 593 AA.
                                                                                                                                                                                                                                    2000US-0540217.
2000US-0649167.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           71.4%;
                                                                                                                                                                                          30-MAR-2001: 2001WO-US08631
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254 EKEKERTEREKEEL 267
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                                                                                                                                                                                                                                                                                                                                                                                      2001-639362/73.
                                                                                                                                                                                                                                                                                                                                            Drmanac RT, Liu C,
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                                                                                                                                                                                                                                                                                                   (HYSE-) HYSEQ INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          503 AA;
                                                                                                                                                                                                                                                                                                                                                                                                      N-PSDB; AAS80764.
                                                                                                       WO200175067-A2.
                                                                 Homo sapiens.
                                                                                                                                                                                                                                    31-MAR-2000;
23-AUG-2000;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      biodiversity
                                                                                                                                                 11-OCT-2501
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polypeptide (11) sequences. (1) is useful as hybridisation probes, and gene mapping, and in recombinant production of (11). The and gene mapping, and in recombinant production of (11). The and gene mapping, and in recombinant production of (11). The and gene mapping, and in recombinant production of (11). The polynucleotides are also used in diagnostics as expressed sequence tags for identifying expressed genes. (1) is useful in gene therapy techniques to restore normal activity of (11) or to treat disease states involving or (11). (11) is useful for generating antibodies against it, detecting or quantitating a polypeptide in tissue, as molecular weight markers and as a food supplement. (11) and its binding partners are useful in medical indigence in any percessing (11). (1) and (11) are useful in medical disorders involving aberrant protein expression or biological activity. The polypeptide and polynucleotide sequences have applications in diagnostics, forcusies, gene mapping, identification of mutations responsible for genetic disorders or other traits to assess biodiversity and to produce other types of data and products dependent on DNA and amino acid sequences. Associated in over home in the invention.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Note: The sequence data for this patent did not appear in the printed specification, but was obtained in electronic format directly from WIPO at ftp.wipo.int/pub/published_pet_sequences.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Human; vaccination; gene therapy; nutritional supplement; stem cell proliferation; haematopoiesis; nerve tissue regeneration; immune supplession; immune slimulation; anti-intlammatory; leukaemia.
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                                                                                                                                                                                                                                                                                                                                                                                        New isolated polynucleotide and encoded polypeptides, useful in diagnostics, forensics, gene mapping, identification of mutations responsible for genetic disorders or other traits and to assess
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       0;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   The invention relates to isolated polynucleotide (1) and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     3, Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Claim 20; SEQ ID No 50306; 103pp; English.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Novel human secreted protein #3551.
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                                                                                                                                                                                31-MAR 2000; 2000US-0540217
23-AUC-2000; 2000US-0649167
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                                                                                                                                         30-MAR-2001; ZOOTWO-USUM631
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                                                                                                                                                                                                                                                                                                                         WPI; 2001-639362/73.
                                                                                                                                                                                                                                              (HYSE-) HYSEQ INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      593 AA;
                                                                                                                                                                                                                                                                                                                                                 N-PSDB; AAS84134
                                                          WO200175067-A2.
                   Homo sapiens.
                                                                                                                                                                                                                                                                                                                                                                                                                                                      biodiversity
                                                                                                  11-OCT-2001
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W0200155322-A2.
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Cytestatie, cardiant, vactropie, corobeopeotetive, newtropie, neuroproferive, antibarerial, virunida, buginida, phhalmaleairal, vulnetary, secreted perform, reperand an humans, definition, described discretely performed is separated at humans, corobeomy, and secretely performed is separated at several performed discretely. Althoughout discretely whench balances to the first discretely skin ageing; food addition; preservative, antiproliferation.
                                                                                                                                                                                                                                                                                                                                                                                             The invention relates to movel human secreted polyportides and antibodies to the polyportides are useful for determining the presence of or predisposition to a disease associated with altered levels of polyportides like polyportides are also useful for identifying agents (agents) and antagonists) that bind to them fells expressing the proteins are useful for identifying a herapeutic agent for use in treatment of a pathology related to aberrant expression or physiciogical interactions of the polypoptide. Verters comprising the nucleic acids encoding the polypoptides and cells genetically profited a related as useful for producing the proteins are useful in genetic and some lease as nutritional supplements. They may be used to home as them can be used as nutritional supplements. They may be used to home as a tem cell profiteration.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         bone, cartillage, tendon and/or nerve tissue growth or regeneration;
immune suppression and/or stimulation; as ant. Inflummatory agents, and
in treatment of leckachinas, AAULYSU (AAI) 1844 represent the amine acid
sequences of novel human secreted proteins of the invention.
                                                                                                                                                                                                                                                                                                           Nucleic acids encoding a range of human polypeptides, useful in genetic
vaccination, testing and therapy -
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26-JAN-2001; Junius 0225150
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 Homo sapichs.
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eytostatic; cardiant, vasotropic, ectebropictetive, nootropic; neuroprotective, antibacterial, virucide, fundicide, opthalmalogical; vulnerary; serieted protein; rhemanoid arthritis; hyperproliferative disorder, cardiavascular disorder, cardiavascular andiogenesis; rectrovascular disorder, Altheimer's disorder, cardiavasce, infertion; ocular disorder, ecropral ischaemia; andiogenesis; retrous system disorder, Altheimer's disease, infertion; ocular disorder; skin ageing, food additive; perservative, untiproliferation;
                                                                                                                                                                                                                                                                                                                                                                        precedular disease, case, degs, chickens or shore. They are also used in diagnosing a pathological condition or susceptibility and pathological condition. Antibodies to the profession also be used in allegiating Ambidosis to the profession also be used in allegiating symptoms associated with the disorders and in diagnostic immuneasistys and reflectment assays or convent inked include autorimmune diseases e.g. required with the broad or treated include autorimmune diseases e.g. rheumatoid arthritis. Appendentional disorders e.g. checknown of the broad or liver, conditoration disorders e.g. chidical disorders e.g. chidical disorders e.g. chidical disorders e.g. chidical disorders e.g. conteal infection, and many other disorders listed in the specification. The polypetides can also be used to aid acid the specification. The polypetides can also be used to aid acid the specification.
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                                                                                                                           diagnosting, preventing, theating or ameliotating medical conditions and used as food additives or preservatives -
                                                                                                                                                                                                                                                                                 The invention relates to isoluted nucleic acid molecules and their conceded secreted proteins. The nucleic acids and proteins are used to prevent, treat or ameliorate a medical condition in e.g. humans, mice,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Caps
                                                                                             New nucleic acid molecules encoding 461 human secreted proteins for
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                                                                                                                                                                                                                        Claim 11; SEQ ID No 1407; 980pp; English
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31-JAN-2000; 2000US-0179065.

Barash SC, kuben SM;

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(HUMA-) HUMAN GENOME SCI INC.

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(HUMA-) HUMAN GENOME SCI INC

Ruben SM Fosen CA, Barash SC,

WF1, 2001-488783/53. N-PSEB, AAS26006

New mucleic acid molecules encoding 461 human secreted proteins for diagnosing, preventing, treating or ameliorating medical conditions and used as food additives or preservatives.

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    cardiovascular disorders e.g. cardiac arrest, cerebrovascular disorders e.g. cerebral ischaemia, angiogenesis, nervous system disorders e.g. Alzheimer's disease, intections caused by bacteria, viruses and fungi
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  severe combined immunodeliciency; malaria; autoimmune disorder; asthma; allorgy; aplastic ancemia: accturnal haemoglobinuria; burn, wound; bone damage; cartilage damage, antiinflammatory disease; coagulation; thrombosis; contraceptive.
                                                                                                                                                       The invention relates to isolated nucleic acid molecules and their encoded secreted proteins. The nucleic acids and proteins are used to prevent, treat or amelical encoded in the unit of the nuclear condition in e.g. humans, mice, rabbits, mars, barse case asks degs, chickens or short the nuclear to a pathological condition or susceptibility to a pathological condition. Antibodies to the proteins can also be used in alleviating symptoms associated with the disorders and in diagnostic immunoassays e.g. radioimmunoassays or energie linked immunoassays or susceptibility asked in a sasays (ILISA). Disorders which are diagnosed or treated and only asked in the condition of the protein and in the condition of the con
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sales
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     disorders listed in the specification. The polypeptides can also be used to and wound healing and epithelial cell proliferation, to prevent skin aging due to sumburn, to maintain organs before transplantation, for supporting reli culture of primary tissues, to
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    include autoimmune diseases e.g. rheumatoid arthritis,
hyperproliferative disorders e.g. neuglasms of the breast or liver,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       capabilities, fat content, lipid, protein, carbohydrate, vitamins, minerals, cofactors and other nutritional components. The present sequence represents a novel secreted protein of the invention.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   :
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Pred. No. 40;
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Claim 11; SEQ ID No 972; 980pp; English.
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Best Local Similarity
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which represent the human OREX open reading frames 1 to 3161. The OREX sequences have activities such as. cytostatic, hepatotropic; vulnerary; antisotratic, antiparkinsonian, nootropic; neuropictetive; osteopathic, antibohvuisant, antiarthilitic; immunosuppressant; immunostimulant; cardiant; thrombolytic; coaquiant; vasotropic; antidiabetic; hypotensive; dermatological, immunosuppressive; antidiabetic; antitional; antivital, antivingal, autivital, antitional; and antianaemic, antisotration to, or preventing or treating the presence of or predisposition to, or preventing or treating pathological conditions associated with an OREX-associated disorder, the
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          graft vs host disease, cardiovascular disease, diabetes mellitus, hypertension, hypertingism, cholesterol ester storage, systemic lupus erythematesus, severe combined immunodeficiency (SCID), AIDS, viral, bacterial or fungal infection, malaria, autoimmune disorders, asthma, altergies, aplastic anaemia, burns, wounds, bone and cartilage damage, nocturnal haemoglobinuria, antiinflammatory disease; to enhance coagulation; to inhibit thrombosis; and as a contraceptive.
                                                                                                                                                                                                                                                                                                                                    AAC74445 to AAC77505 encode the proteins given in AAB40237 to AAB43397,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Human; mostropic; immunosuppressant; cytostatic; qene thetapy; cancer;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       nucleic acids can be used to express ORFX proteins in quee therapy vertors. The proteins and nucleic acids may be used to treat cancers, proliferative disorders, neurodequerative disorders, osteoarthrills,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Caps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   peripheral nervous system, neuropathy, central nervous system; CNS; Alzheimer's Parkinson's disease; Huntington's disease; harmostatie; amyottophic lateral selenosis; Shy-brager Syndrome; chemotactie; chemokinetie; thrombolytic; diuq screening; arthritis; inflammation;
                                                                                                                                                                                                    Novel nucleic acids and peptides derived from open reading trame X,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Guery Match 68.1%: Score 47; DB 21; Length 484; Best Local Similarity 57.1%; Pred. No. 41; Matches 8; Conservative 4, Mismatches 2, Indels
                                                                                                                                                                                                                            useful for treating e.g. cancers, proliferative disorders, neurodegenerative disorders and cardiovascular disease -
                                                                                                                                                                                                                                                                                        Claim 11; Fage 3150 3152; 5507pp, English.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              AAM42158 standard; Protein; 580 AA.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Human polypeptide SEQ ID NO 7089.
30-MAR-2000; 2000US-0540763.
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                                                                                        Shimkets RA, Leach M;
                                            (CURA-) CURAGEN CORP.
                                                                                                                                 WF1; 2000 602362/57.
N-PSDB; AAC76437.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 484 AA;
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Matches
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                                                                                                                                                                                                                                                                                      the encoded polygetizes (AAMARELIS) with nontroper, immunosuppressant and cytostatic activity. The polynucleotides are useful immunosuppressant and cytostatic activity. The polynucleotides are useful of the invention may be useful nervous to the invention may be useful nervous system. Such as peripheral nervous injuries, peripheral neuropathy and system and neuropathies and central nervous system diseases, such as Alzheimer's, Parkinson's disease, Huntington's diseases, amyotrophic lateral scherosis, and Shy brager Syndrome other uses include the utilisation of the activities such as: Immune system suppression, Activitation activity, chemotratic/chemokinetic activity, harmonic allocatic activity, democratic/chemokinetic activity, duay serecting, assays for receptor activity, arthritis and inflammation, leukaemias and
                                                                                                                                                                                                                                                                                                                                                                                                                                            Note: The sequence data for this patent did not form part of the printed specification.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Human, nool ropic, immanosappressant, cytostatic, dene therapy, cancer, peripheral norvous system; neuropathy; central nervous system; CNS, Alzhenmer's, Parkinson's disease; Humington's disease; haemostatic, amyotrophic lateral selectosis, SLy-Diager Syldrom, chemotarit; chemokinelic; thrombolytic; drug screening; arthritis; inflammation;
                                                                                                                                  Wang D;
                                                                                                                                                                                                                                                                             The invention relates to human nucleic acids (AAI57798-AAI61369) and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   0; Saps
                                                                                                                                                                                                                  Novel ancleic rolds and perpendence user. For treating disorders such as central nervous system injuries .
                                                                                                                               Chen R, Ma Y, Qian XB, Ren F, V
Xu C, Xue AJ, Yang Y, Zhang J;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match 68.1%; Score 47; DB 22; Length 580; Best Local Similarity 57.1%; Pred. No. 50; Matches 8; Conservative 4; Mismatches 2; Indels
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                                                                                                                                                                                                                                                     Example 2: SEQ ID NC 7089; 10078pp, English.
                                                                                                                                                         Drmanac RT;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  4, Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Human polypeptide SEQ ID NO 7090.
                                                                                                                              Liu C, Asundi V, Che
Wang Z, Wehrman T, Xi
Zhou P, Goodrich P,
                                   2000978-9620312
200098-0654450
200008-0652191
2000US-0488725.
                      2000US-0598042
                                                                                 200 mg - 3727344
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                                                                                                                                                                              WPI; 2001-4422553747
                                                                                                         (HYSE-) HYSEQ INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   580 AA;
                                                                                                                                                                                           N-PSDB; AAI61314.
                                                                                                                                                                                                                                                                                                                                                                                                                                    C.N.S disorders.
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21-JAN-2000;
25-APP 2000;
09-JUL-2000;
19-JUL-2000;
                                             03-AUG-2000;
14-SEP-2000;
                                                                    -2000
                                                                                 29 NOV-2000,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    leukaemia.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence
                                                                                                                                                        Zhao QA,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  AAM42159;
                                                                                                                                 fang YT,
                                                                      19-0CI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  RESULT 13
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The invention relates to human nucleic acids (AALS7788 AAR61363) and the encoded polypetides (AAM88641-AAM42213) with noctropic, are useful immunosuppressant and cytostatic activity. The polynucioutides are useful in gene therapy. A composition containing a polypucioutide or polynucleotide of the invention may be used to treat diseases of the peripheral nervous system, such as peripheral nervous injuries, peripheral nervous asystem, such as peripheral nervous injuries, peripheral nervous also neuropathy and alzheimer's, Farkinson's disease, Authington's disease, amyotrophic ateral sclerosis, and Shyrurger Syndrome. Other uses include the utilization of the activities such as Immune system suppression. Activin/inhibin activity, chemotactic/chemokinetic activity, naemostatic assays for receptor activity, arthritis and therapy, drug scheming, assays for receptor activity, arthritis and inflammation, leukaemias and C.N.S disorders.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         The sequence data for this patent did not form part of the printed
                                                                                                                                                                                                                                                                                                                                                                                                              lang YE, Liu C, Asundi V, Chen R, Ma Y, Qian XB, Ken E, Wang D; Wasg C, Wasg C, Wahrman T, Xe S, Xuc AJ, Yang F, Chang J;
Chao QA, Theo P, Goodfiel R, Dimatac RE;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           0; Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Movel machele acids and polypeptides, useful for treating disorders
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    68.1%; Score 47; DB 22; Length 580; 57.1%; Pred. No. 50;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Example 2, SEQ ID No 7090, 10078pp; English.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           4; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  such as central nervous system injuries
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                                                                                                                      20000% 0598042.
20000% 0620312.
20000% 0653450.
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2000US-0643036.
2020W-0834263.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           8; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     495 OKEKROLOBEROEL 508
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N-PSDB; AA161315.
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                        (HYSE-) HYSEQ INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 580 AA;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          specification.
                                                                                                                                                                                                                                                                                        29 - NOV - 2000;
36 LEC 1000,
                                                                                                                                                                                         შკ∙∧თკ ⊥მშბ,
14-SEP-2000;
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                                                         21 JAN-2000,
25-APR-2000,
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WO200153312-A1.

26-JUL-2001.

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Primer sets for synthesizing polynocious rarifellally the 6682 full-length cDNAs defined in the specification, and for the detection and/or diagnosis of the abnormality of the proteins encoded by the
                                                                                                                      soqai T. Nishikawa T. Hayashi K. Saito K. Yamamoto T.
Suqiyama T. Wakamatsu A. Naqai K. Otsuki T
                                                                                                                                                                                                                                                                                                           The present invention describes primer sets for synthesising 5602
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                68.1%; Score 47; DB 22; Length 690; 57.1%; Pred. No. 59;
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                                                                                                                                                                                                                                                                            Claim 8; SEO 1D 18294; 2537pp + CD ROM; English.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               4; Mismatches
99JP-0248036.
              99JP-0300253.
                             2000JP 0118776.
                                          2000JP-0183767
                                                          09 JUN-2000; 2000JP 0241899
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                                                                                         (HELLI) HELLIX RES INSI
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                                                                                                                                                                                                                                               full-length cDNAs
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                                                                                                                        Isoqai T
                                           02-MAY-2000;
                             JAN-2000;
              -AUG-1999;
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; 0 Caps Rest Local Similarity Query Match Matches RESULT 15

Gaps

0:

2; Indels

4; Mismatches

Conservative

æ

Local Similarity

Query Match

Sequence 691 AA;

specification.

Search completed: January 16, 2003, 16:49:12

Job time : 67.6 secs

68.1%; Score 47; DB 22; Length 691; 57.1%; Pred. No. 59;

Human: nootropic: immunosuppressant; cytostatic; gene therapy; cancer; peripheral nervous system, neuropathy, central nervous system; CNS; Alzheimer's; Parkinson's disease, Haminaton's disease, hacmostatic; amyotrophic lateral scletostus; My, Drager Syndrome; chemotactic; chemokinetic; thrombolytic; drug screening; arthritis; inflammation; AAM40372 Standard; Protein; 691 AA. Human polypeptide SEQ ID NO 3517. (tirst entry) 22 OCT-2001 leukaemia AAM40372: AAM4 0 47.

Homo sapiens

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The invention relates to human nucleue acids (AAIS)/98-AAI61369) and the encoded polygeptides (AAM46013) with nootropic, immunosuppressant and eytostatic activity. The polynucleotides are useful in gene therapy. A composition containing a polypeptide or polynucleotide of the invention may be used to treat diseases of the peripheral nervous system, such as peripheral nervous injuries, peripheral neuropathy and localised neuropathics and central nervous system diseases, such as Alzhelmer's, Parkinson's disease, Huntington's disease, amyotrophic lateral sclerosis, and Shy-Drager Syndrome. Other ness include the unitial sclerosis, and shy-prager Syndrome other ness include the activities and as Immune system suppression.
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Wang J, Wang Z, Wehrman T, Xu C, Xue AJ, Yang Y, Zhang J;
Zhao QA, Zhou P, Goodrich R, Dimanae RT;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Example 6; SEQ 1D NO 3517; 10078pp; English.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     such as central nervous system injuries
                                                                                                                           2000US-0552317.
2000US-0598042.
2000US-0620312.
2000US-0653450.
2000US-0653450.
28-100 2308; 2020WG-US34263.
                                                                                                                                                              69-JJL 2660, 200205-0598042
19-JJL 2696, 200205-059812
03-Add-2000, 200008-0653450
114-SHP 2000, 200008-0693036
19-OCT-2000, 20000S-0693036
                                                                                                                                                                                                                                                                                                                                                                                 29-N-V 2000; 200001S 0727344
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